

(FILE 'HOME' ENTERED AT 11:37:36 ON 25 NOV 2002)

FILE 'REGISTRY' ENTERED AT 11:37:58 ON 25 NOV 2002

L1 STRUCTURE UPLOADED
L2 40 S L1 SSS FULL

FILE 'REGISTRY' ENTERED AT 11:40:13 ON 25 NOV 2002

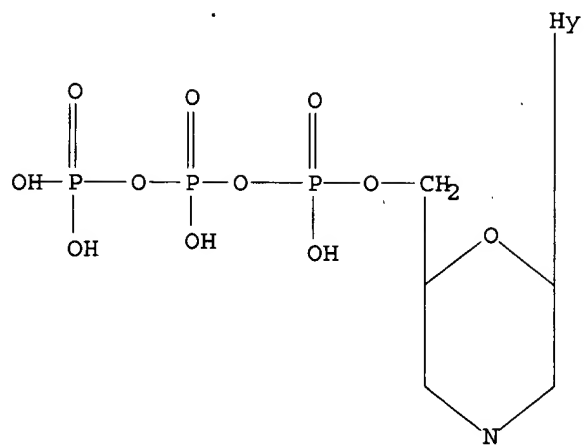
SET TERMSET E#
DEL SEL Y
SEL L2 40 RN
L3 1 S E1/RN
SET TERMSET LOGIN

FILE 'CAPLUS' ENTERED AT 11:40:18 ON 25 NOV 2002

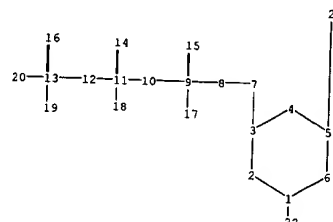
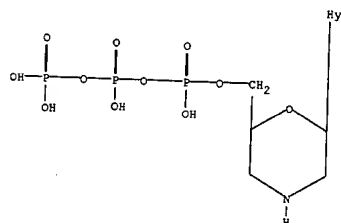
L4 1 S L3

L1

STR



L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 1977:1385 CAPLUS
DN 86:1385
TI Localization of the GTP-binding site in the ribosome.elongation-factor-
G.GTP complex
AU Girshovich, A. S.; Pozdnyakov, V. A.; Ovchinnikov, Yu. A.
CS Inst. Protein Res., Pushchino, USSR
SO Eur. J. Biochem. (1976), 69(2), 321-8
CODEN: EJBCAI
DT Journal
LA English
IT 61194-05-6P 61309-59-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

ring nodes :

1 2 3 4 5 6

chain bonds :

1-22 3-7 5-21 7-8 8-9 9-10 9-15 9-17 10-11 11-12 11-14 11-18 12-13 13-16
13-19 13-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-21 8-9 9-10 10-11 11-12 12-13

exact bonds :

1-22 3-7 7-8

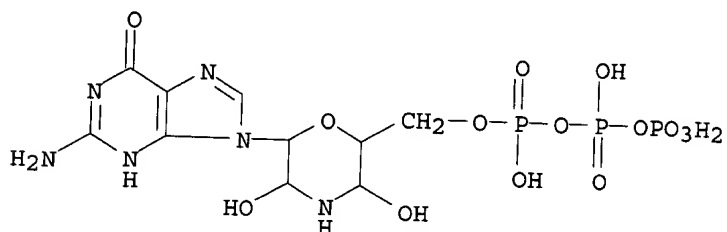
normalized bonds :

9-15 9-17 11-14 11-18 13-16 13-19 13-20

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:Atom 22:CLASS

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 61309-59-9 REGISTRY
 CN 6H-Purin-6-one, 2-amino-9-[3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-2-morpholinyl]-1,9-dihydro-, [2R-(2 α ,3 β ,5 β ,6 α)]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 6H-Purin-6-one, 2-amino-9-[3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-2-morpholinyl]-1,9-dihydro-, P,P',P''-trioxide, [2R-(2 α ,3 β ,5 β ,6 α)]-
 MF C10 H17 N6 O14 P3
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> SEL L2 1 RN

E1 THROUGH E1 ASSIGNED

=> S E1/RN

L3 1 61309-59-9/RN

=> SET TERMSET LOGIN

SET COMMAND COMPLETED

=> FIL CA

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.46	142.53

FILE 'CA' ENTERED AT 11:50:03 ON 25 NOV 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Nov 2002 VOL 137 ISS 22
FILE LAST UPDATED: 21 Nov 2002 (20021121/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

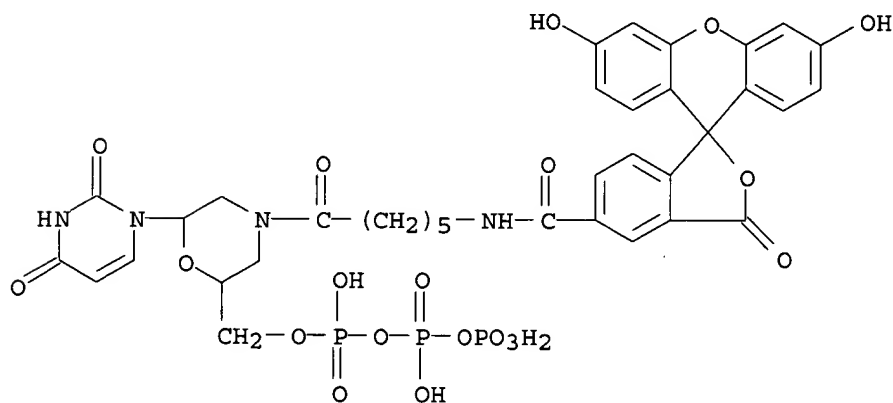
=> S L3

L4 1 L3

=> DIS L4 1 TI

L4 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS
TI Localization of the GTP-binding site in the ribosome.elongation-factor-G.GTP complex

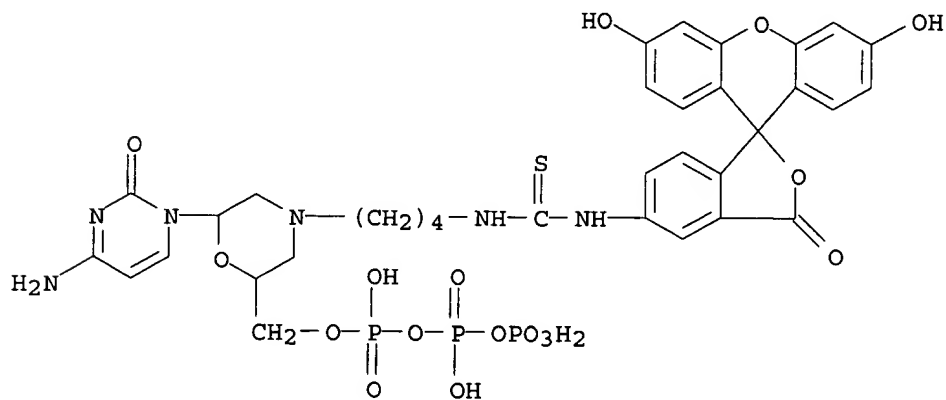
L2 ANSWER 1 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 459836-69-2 REGISTRY
 CN Triphosphoric acid, P-[[4-[6-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)carbonyl]amino]-1-oxohexyl]-6-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C36 H37 N4 O20 P3
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 2 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 289639-42-5 REGISTRY
 CN Triphosphoric acid, P-[[6-(4-amino-2-oxo-1(2H)-pyrimidinyl)-4-[4-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthene]-5-yl)amino]thioxomethyl]amino]butyl]-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C34 H37 N6 O17 P3 S
 SR CA
 LC STN Files: CA, CAPLUS

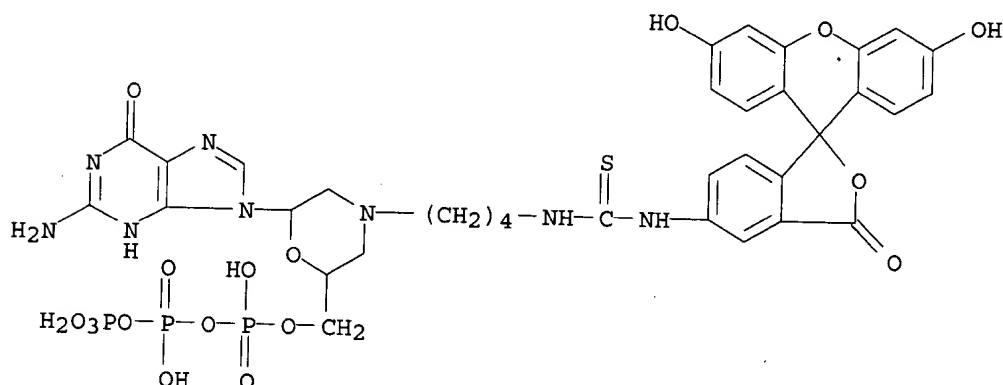


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 3 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-41-4 REGISTRY
CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl]amino]butyl]-2-morpholinyl]methyl] ester. (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C35 H37 N8 O17 P3 S
SR CA
LC STN Files: CA, CAPLUS

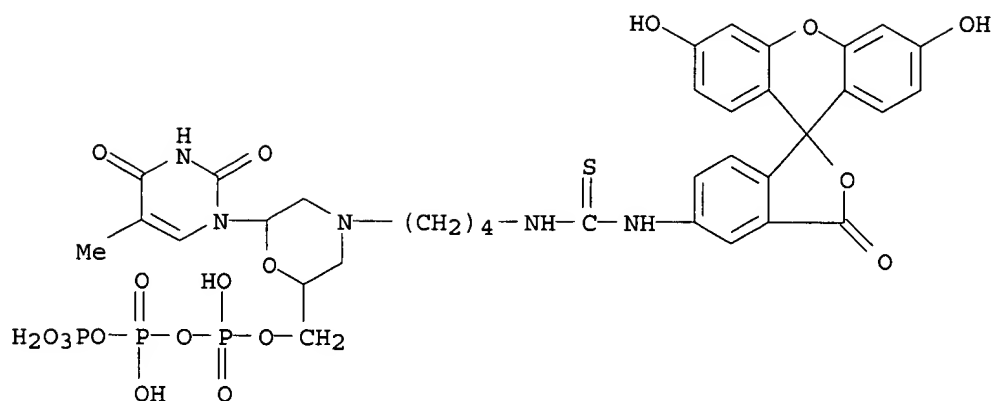


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

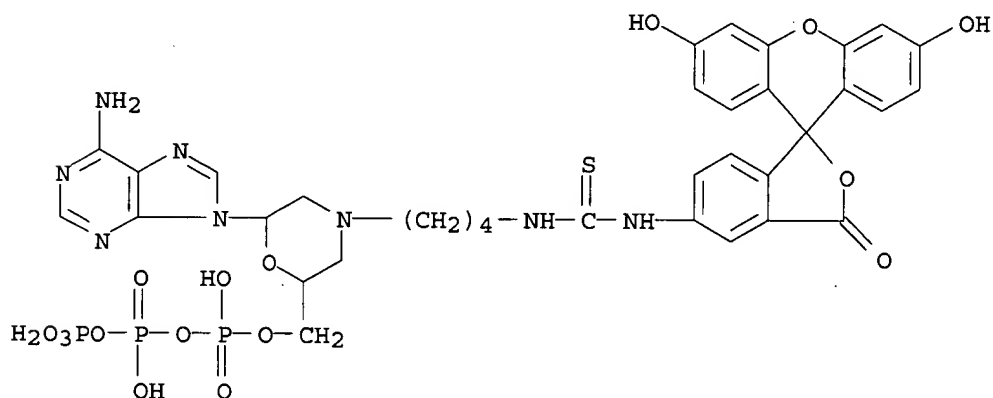
L2 ANSWER 4 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-40-3 REGISTRY
CN Triphosphoric acid, P-[[6-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-4-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl]amino]butyl]-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C35 H38 N5 O18 P3 S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

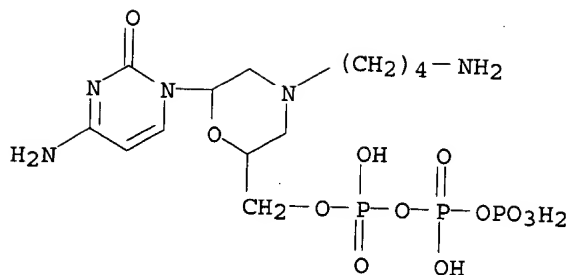
L2 ANSWER 5 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-39-0 REGISTRY
CN Triphosphoric acid, P-[[6-(6-amino-9H-purin-9-yl)-4-[4-[[[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]thioxomethyl]amino]butyl]-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C35 H37 N8 O16 P3 S
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

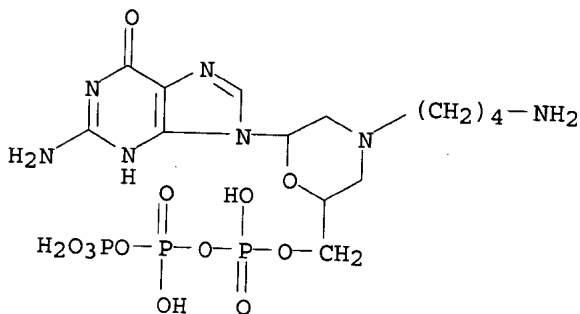
L2 ANSWER 6 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-38-9 REGISTRY
CN Triphosphoric acid, P-[[4-(4-aminobutyl)-6-(4-amino-2-oxo-1(2H)-pyrimidinyl)-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C13 H26 N5 O12 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

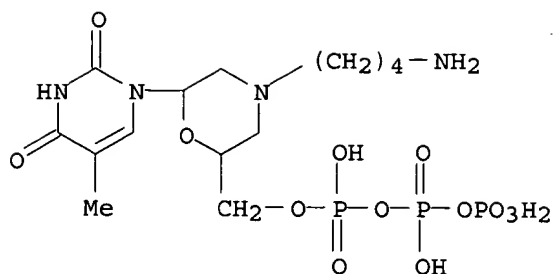
L2 ANSWER 7 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-37-8 REGISTRY
CN Triphosphoric acid, P-[[4-(4-aminobutyl)-6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H26 N7 O12 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

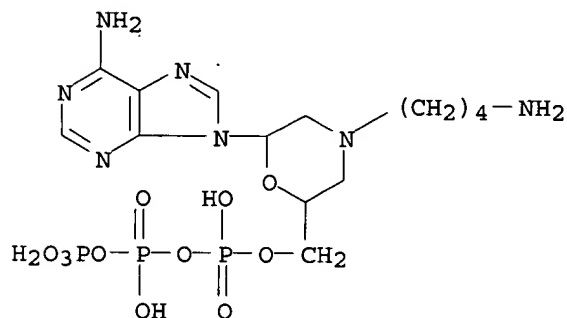
L2 ANSWER 8 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-36-7 REGISTRY
CN Triphosphoric acid, P-[[4-(4-aminobutyl)-6-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H27 N4 O13 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

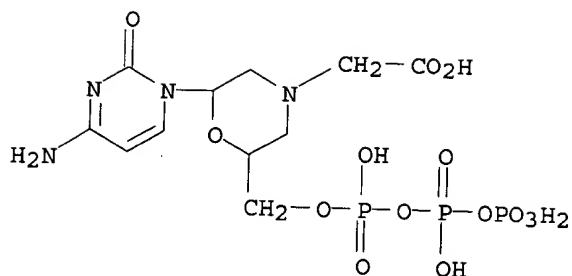
L2 ANSWER 9 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-34-5 REGISTRY
CN Triphosphoric acid, P-[[4-(4-aminobutyl)-6-(6-amino-9H-purin-9-yl)-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H26 N7 O11 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

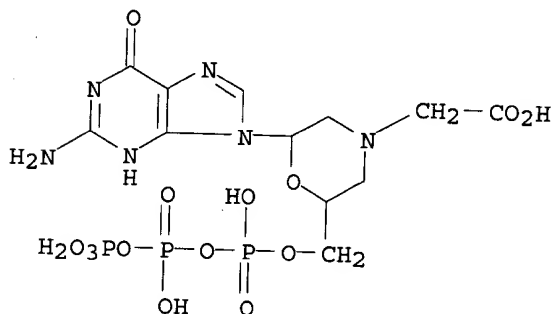
L2 ANSWER 10 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-33-4 REGISTRY
CN 4-Morpholineacetic acid, 2-(4-amino-2-oxo-1(2H)-pyrimidinyl)-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H19 N4 O14 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

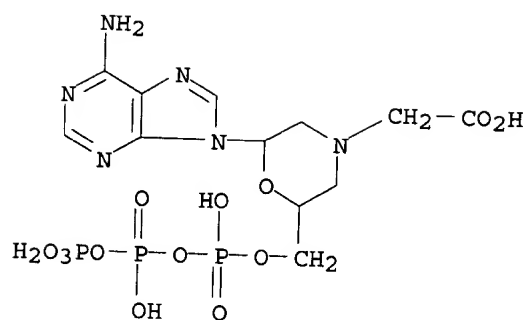
L2 ANSWER 11 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-32-3 REGISTRY
CN 4-Morpholineacetic acid, 2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C12 H19 N6 O14 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 12 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 289639-30-1 REGISTRY
CN 4-Morpholineacetic acid, 2-(6-amino-9H-purin-9-yl)-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C12 H19 N6 O13 P3
SR CA
LC STN Files: CA, CAPLUS, CASREACT

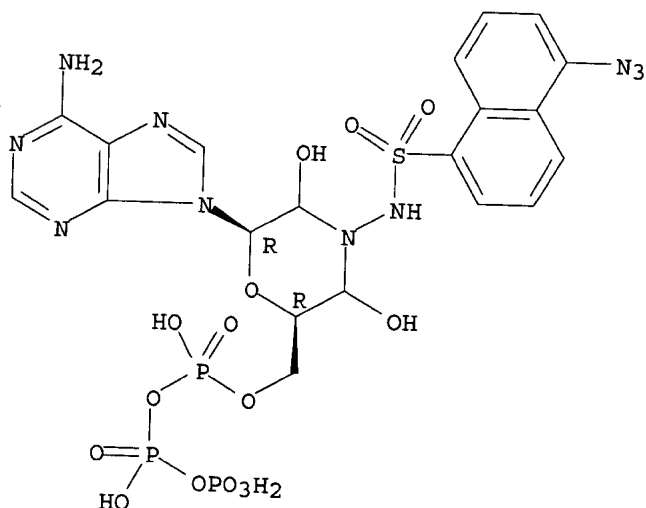


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 13 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 288625-80-9 REGISTRY
CN Triphosphoric acid, P-[[[(2R,6R)-6-(6-amino-9H-purin-9-yl)-4-[[[(5-azido-1-naphthalenyl)sulfonyl]amino]-3,5-dihydroxy-2-morpholinyl]methyl] ester, trilithium salt (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H23 N10 O15 P3 S . 3 Li
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



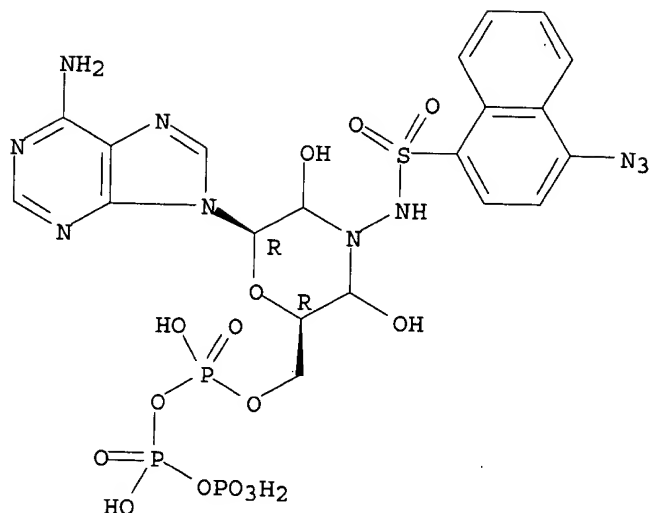
● 3 Li

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 14 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 288625-79-6 REGISTRY
CN Triphosphoric acid, P-[[[(2R,6R)-6-(6-amino-9H-purin-9-yl)-4-[[[(4-azido-1-naphthalenyl)sulfonyl]amino]-3,5-dihydroxy-2-morpholinyl]methyl] ester, trilithium salt (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H23 N10 O15 P3 S . 3 Li

SR CA
LC STN Files: CA, CAPLUS

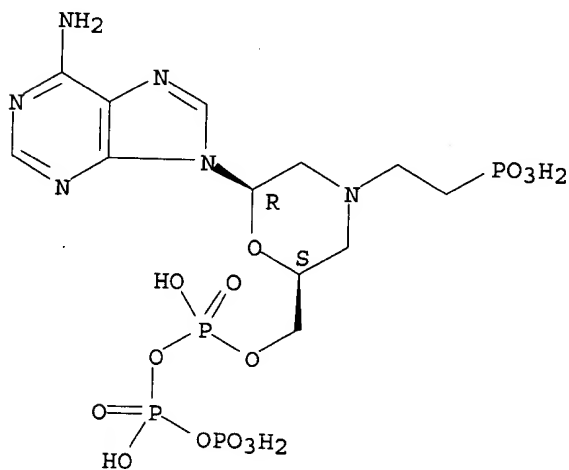
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 15 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 264611-11-2 REGISTRY
CN Triphosphoric acid, P-[[[(2S,6R)-6-(6-amino-9H-purin-9-yl)-4-(2-phosphonoethyl)-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C12 H22 N6 O14 P4
SR CA
LC STN Files: CA, CAPLUS

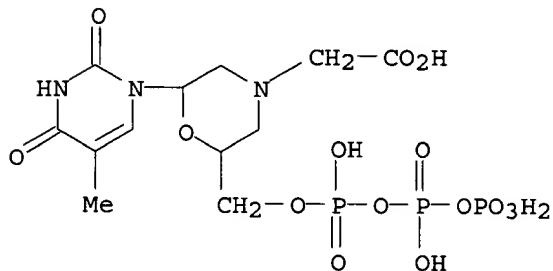
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

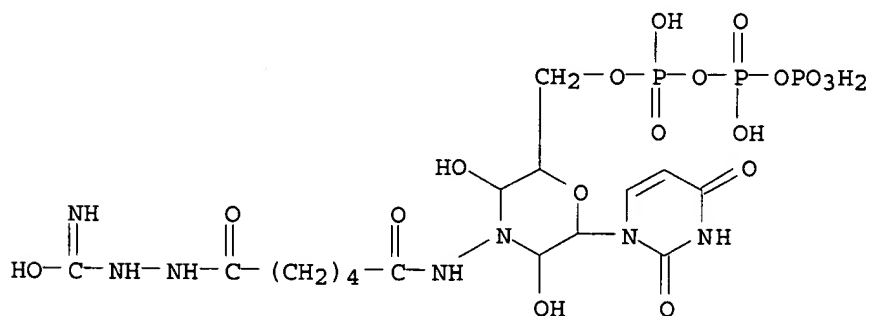
L2 ANSWER 16 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 229164-82-3 REGISTRY
CN 4-Morpholineacetic acid, 2-(3,4-dihydro-5-methyl-2,4-dioxo-1(2H)-pyrimidinyl)-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C12 H20 N3 O15 P3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 17 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 173328-46-6 REGISTRY
CN Hexanoic acid, 6-[[2-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-, 2-(hydroxyiminomethyl)hydrazide (9CI) (CA INDEX NAME)
MF C16 H28 N7 O18 P3
CI COM
SR CA

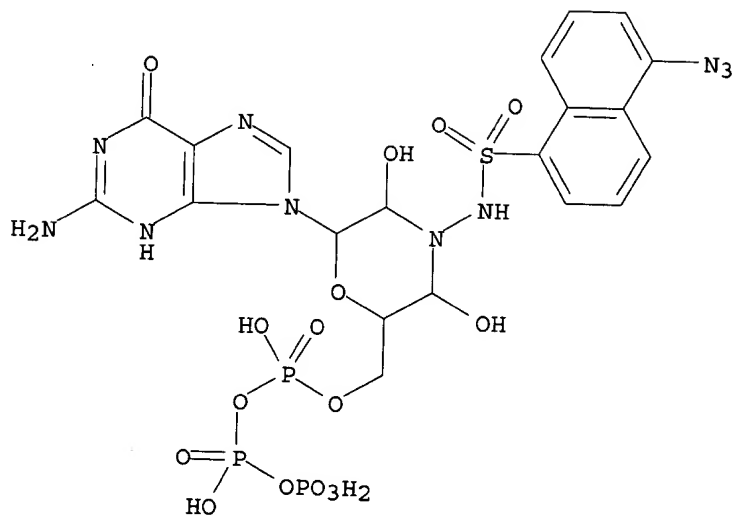


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 ANSWER 18 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 173160-00-4 REGISTRY
CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-[[5-azido-1-naphthalenyl)sulfonyl]amino]-3,5-dihydroxy-2-morpholinyl]methyl]

MF ester, trilithium salt (9CI) (CA INDEX NAME)
 SR C20 H23 N10 O16 P3 S . 3 Li
 CA
 LC STN Files: CA, CAPLUS
 CRN (148690-73-7)

PAGE 1-A

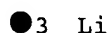


PAGE 2-A

● 3 Li

2 REFERENCES IN FILE CA (1962 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 19 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 173159-99-4 REGISTRY
 CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-[[4-azido-1-naphthalenyl)sulfonyl]amino]-3,5-dihydroxy-2-morpholinyl]methyl]
 MF ester, trilithium salt (9CI) (CA INDEX NAME)
 SR C20 H23 N10 O16 P3 S . 3 Li
 CA
 LC STN Files: CA, CAPLUS
 CRN (148690-72-6)



L2 ANSWER 20 OF 40 REGISTRY COPYRIGHT 2002 ACS

RN 173010-43-0 REGISTRY

CN Carbamimidic acid, [6-[2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]- (9CI) (CA INDEX NAME)

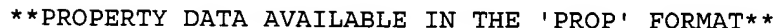
OTHER CA INDEX NAMES:

CN Carbamimidic acid, [6-[[2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]-, P,P',P''-trioxide

MF C17 H28 N9 O17 P3

CI	COM
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

SR CA



L2 ANSWER 21 OF 40 REGISTRY COPYRIGHT 2002 ACS

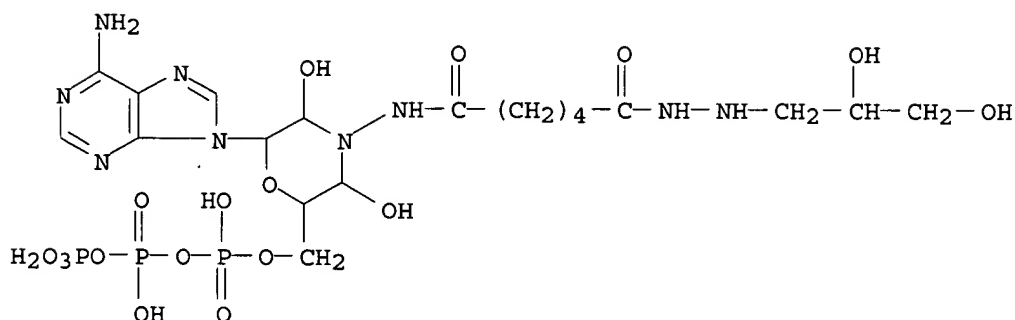
RN 172963-29-0 REGISTRY

CN Hexanoic acid, 6-[[2-(6-amino-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-6-oxo-, 2-(2,3-dihydroxypropyl)hydrazide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

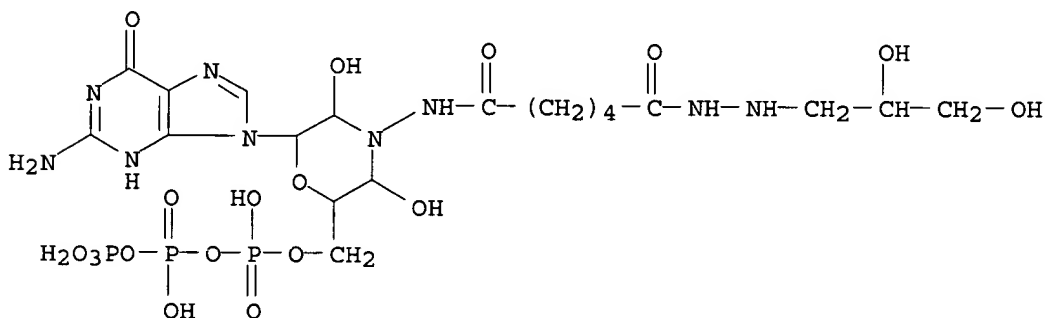
CN Hexanoic acid, 6-[[[2-(6-amino-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphasphahex-1-yl)-4-morpholinyl]amino]-

6-oxo-, 2-(2,3-dihydroxypropyl)hydrazide, P,P',P''-trioxide
 FS 3D CONCORD
 MF C19 H34 N9 O17 P3
 CI COM
 SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

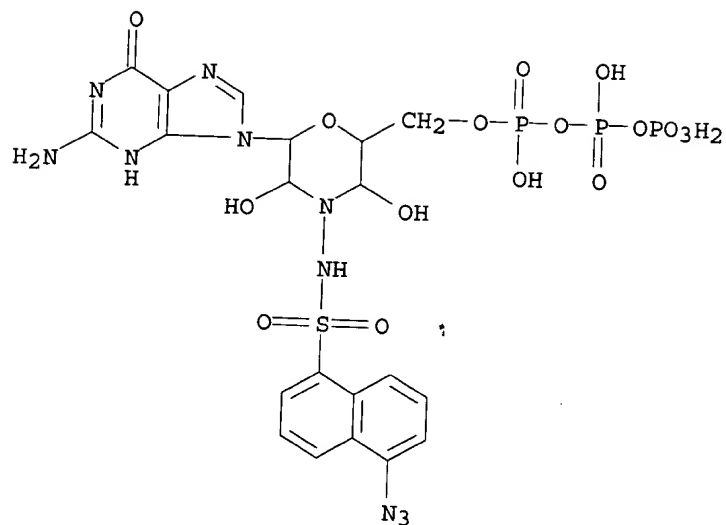
L2 ANSWER 22 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 172927-69-4 REGISTRY
 CN Hexanoic acid, 6-[[2-(2-amino-1,6-dihydro-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-6-oxo-, 2-(2,3-dihydroxypropyl)hydrazide (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Hexanoic acid, 6-[[2-(2-amino-1,6-dihydro-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-6-oxo-, 2-(2,3-dihydroxypropyl)hydrazide, P,P',P''-trioxide
 FS 3D CONCORD
 MF C19 H34 N9 O18 P3
 CI COM
 SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

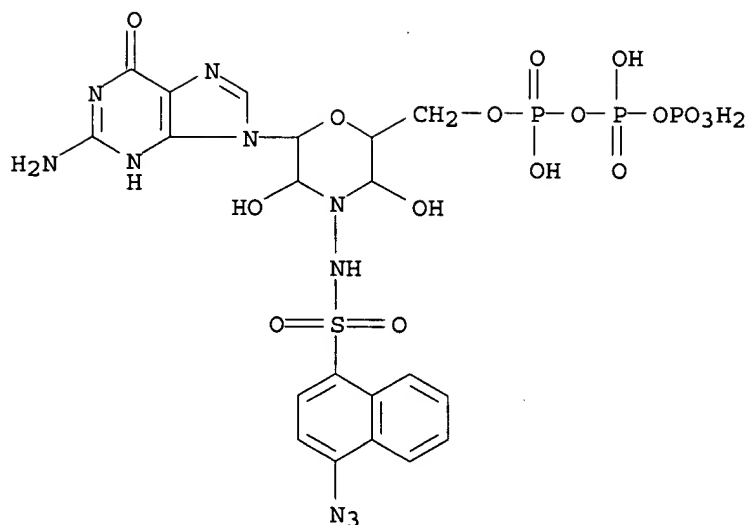
L2 ANSWER 23 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 148690-73-7 REGISTRY
 CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-[[5-azido-1-naphthalenyl)sulfonyl]amino]-3,5-dihydroxy-2-morpholinyl]methyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD

MF C20 H23 N10 O16 P3 S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 24 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 148690-72-6 REGISTRY
 CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-[[4-azido-1-naphthalenyl)sulfonyl]amino]-3,5-dihydroxy-2-morpholinyl)methyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H23 N10 O16 P3 S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 25 OF 40 REGISTRY COPYRIGHT 2002 ACS

RN 129270-00-4 REGISTRY

CN 1-Pyrrolidinylloxy, 3-[[[2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxo-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]carbonyl]-2,2,5,5-tetramethyl-(9CI) (CA INDEX NAME)

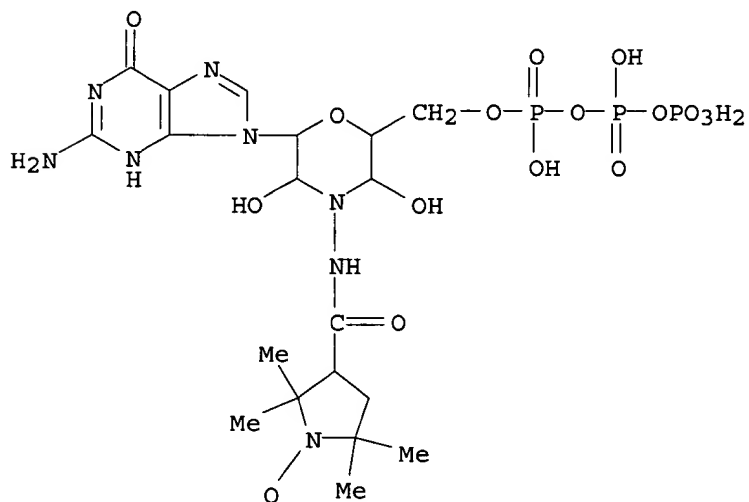
OTHER CA INDEX NAMES:

CN 1-Pyrrolidinylloxy, 3-[[[2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxo-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]carbonyl]-2,2,5,5-tetramethyl-, P,P',P''-trioxide

MF C19 H32 N8 O16 P3

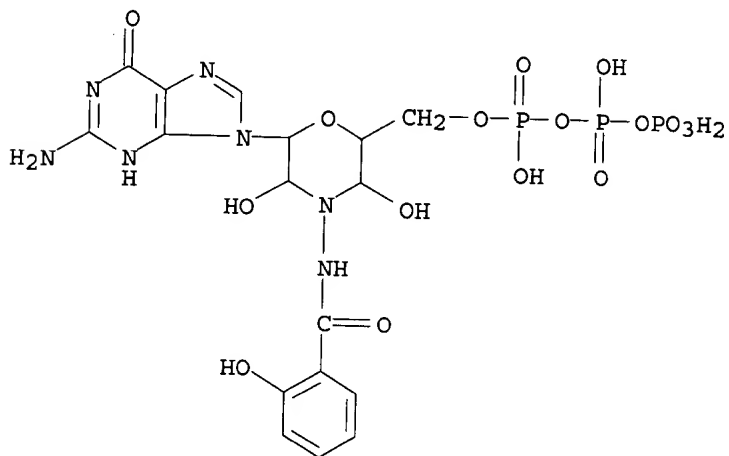
SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

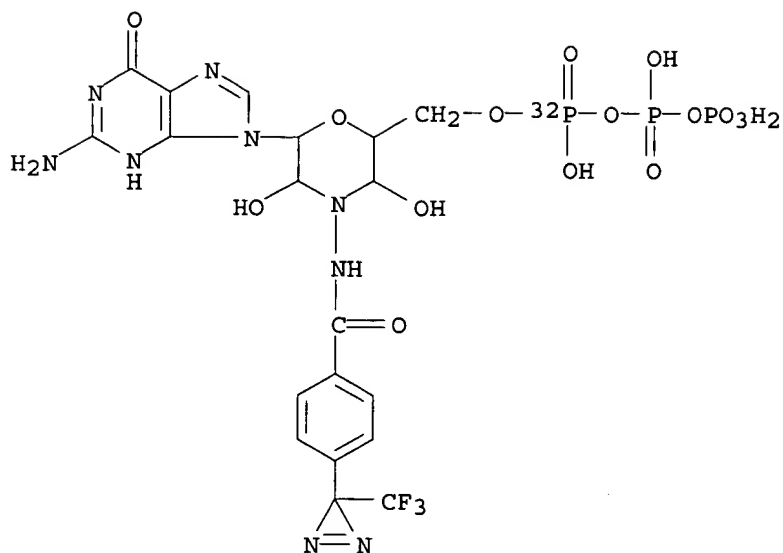
L2 ANSWER 26 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 129232-82-2 REGISTRY
 CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-4-[(2-hydroxybenzoyl)amino]-2-morpholinyl)methyl] ester, [2S-(2 α ,3 β ,5 β ,6 α)]- (9CI) (CA INDEX NAME)
 MF C17 H22 N7 O16 P3
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

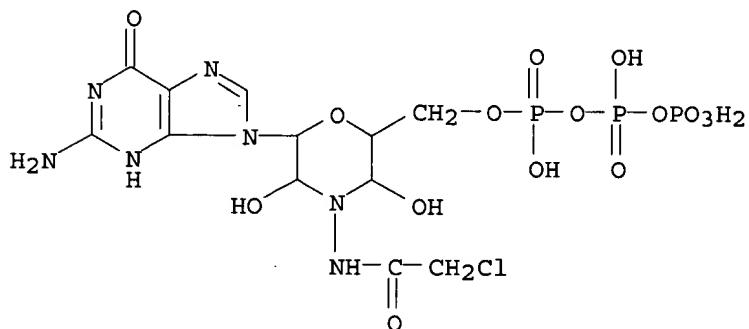
1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 27 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 121071-25-8 REGISTRY
 CN Triphosphoric-P-32P acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-4-[[4-[3-(trifluoromethyl)-3H-diazirin-3-yl]benzoyl]amino]-2-morpholinyl)methyl] ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 3H-Diazirine, triphosphoric-P-32P acid deriv.
 FS 3D CONCORD
 MF C19 H21 F3 N9 O15 P3
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

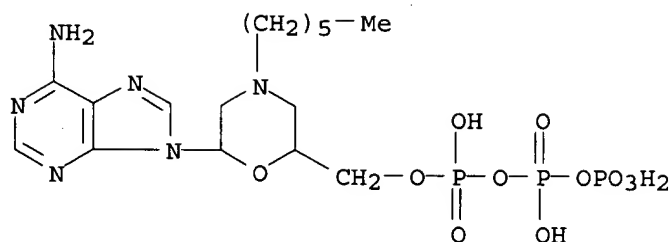
L2 ANSWER 28 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 98104-37-1 REGISTRY
CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-
[(chloroacetyl)amino]-3,5-dihydroxy-2-morpholinyl]methyl] ester,
[2R-(2 α ,3 β ,5 β ,6 α)]- (9CI) (CA INDEX NAME)
MF C12 H19 Cl N7 O15 P3
CI COM
SR CA
LC STN Files: CA, CAPLUS, MEDLINE, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

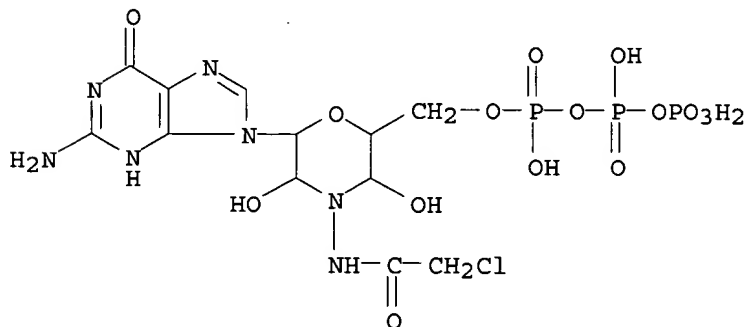
L2 ANSWER 29 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 88198-59-8 REGISTRY
CN Triphosphoric acid, P-[[6-(6-amino-9H-purin-9-yl)-4-hexyl-2-
morpholinyl]methyl] ester, sodium salt, (2S-cis)- (9CI) (CA INDEX NAME)
MF C16 H29 N6 O11 P3 . x Na
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
CRN (83807-25-4)



●x Na

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

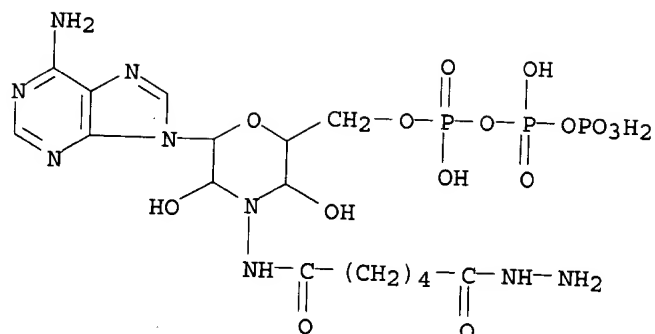
L2 ANSWER 30 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 88056-60-4 REGISTRY
CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-[(chloroacetyl)amino]-3,5-dihydroxy-2-morpholinyl]methyl] ester, trilithium salt, [2R-(2 α ,3 β ,5 β ,6 α)]- (9CI) (CA INDEX NAME)
MF C12 H19 Cl N7 O15 P3 . 3 Li
LC STN Files: CA, CAPLUS
CRN (98104-37-1)



●3 Li

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

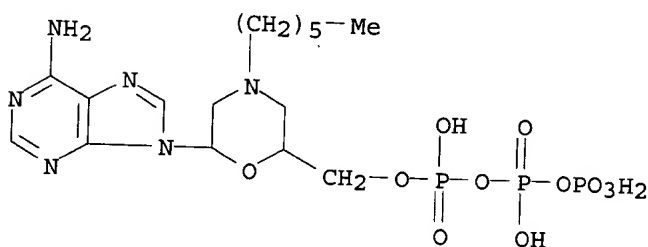
L2 ANSWER 31 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 86408-50-6 REGISTRY
CN Hexanoic acid, 6-[[2-(6-amino-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-6-oxo-, hydrazide, magnesium salt (1:1) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Hexanoic acid, 6-[[2-(6-amino-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-6-oxo-, hydrazide, P,P',P''-trioxide, magnesium salt (1:1)
MF C16 H28 N9 O15 P3 . Mg
LC STN Files: CA, CAPLUS



● Mg

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

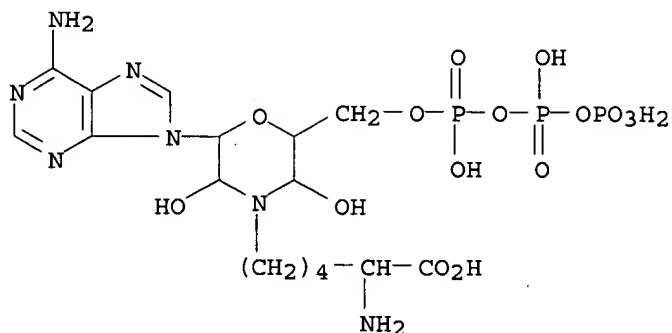
L2 ANSWER 32 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 83807-25-4 REGISTRY
CN Triphosphoric acid, P-[[6-(6-amino-9H-purin-9-yl)-4-hexyl-2-morpholinyl]methyl] ester, (2S-cis)- (9CI) (CA INDEX NAME)
MF C16 H29 N6 O11 P3
CI COM
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 33 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 71316-61-5 REGISTRY
CN 4-Morpholinehexanoic acid, α-amino-2-(6-amino-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-, [2R-[2α,3β,4(S*),5β,6α]]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4-Morpholinehexanoic acid, α-amino-2-(6-amino-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-, P,P',P''-trioxide, [2R-[2α,3β,4(S*),5β,6α]]-
MF C16 H28 N7 O15 P3
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 34 OF 40 REGISTRY COPYRIGHT 2002 ACS

RN 70632-28-9 REGISTRY

CN Agarose, [6-[[2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]carbamimide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Agarose, [6-[[2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]carbamimide, P,P',P'''-trioxide

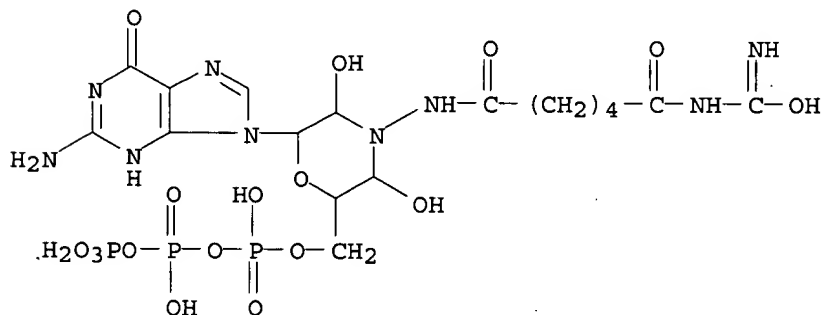
MF C17 H28 N9 O17 P3 . x Unspecified

LC STN Files: CA, CAPLUS

CM 1

CRN 173010-43-0

CMF C17 H28 N9 O17 P3



CM 2

CRN 9012-36-6

CMF Unspecified

CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1962 TO DATE)

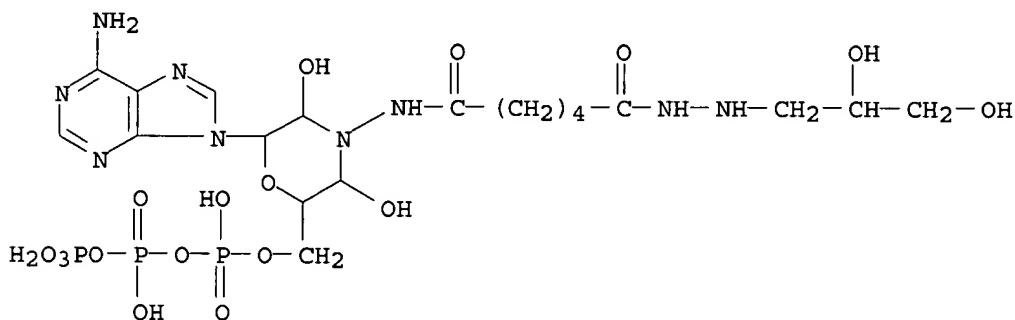
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 35 OF 40 REGISTRY COPYRIGHT 2002 ACS

RN 70322-01-9 REGISTRY
 CN Agarose, 3-[2-[6-[2-(6-amino-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]hydrazino]-2-hydroxypropyl ether (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Agarose, 3-[2-[6-[2-(6-amino-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]hydrazino]-2-hydroxypropyl ether, P,P',P''-trioxide
 MF C19 H34 N9 O17 P3 . x Unspecified
 LC STN Files: CA, CAPLUS

CM 1

CRN 172963-29-0
 CMF C19 H34 N9 O17 P3



CM 2

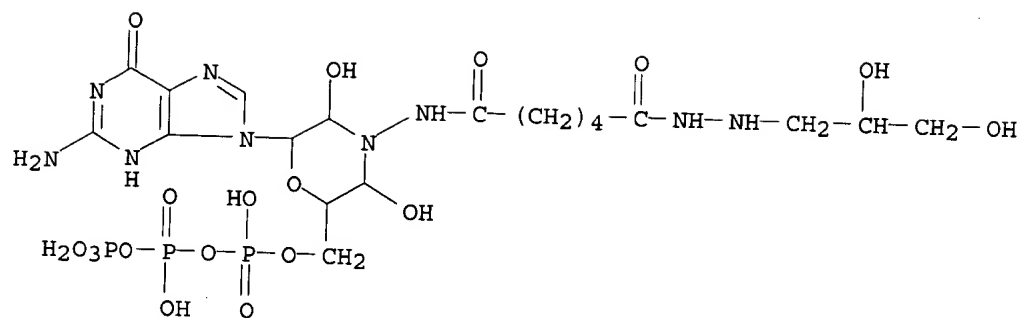
CRN 9012-36-6
 CMF Unspecified
 CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 36 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 70316-30-2 REGISTRY
 CN Agarose, 3-[2-[6-[2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]hydrazino]-2-hydroxypropyl ether (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Agarose, 3-[2-[6-[2-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]hydrazino]-2-hydroxypropyl ether, P,P',P''-trioxide
 MF C19 H34 N9 O18 P3 . x Unspecified
 LC STN Files: CA, CAPLUS

CM 1

CRN 172927-69-4
 CMF C19 H34 N9 O18 P3



CM 2

CRN 9012-36-6
CMF Unspecified
CCI PMS, MAN

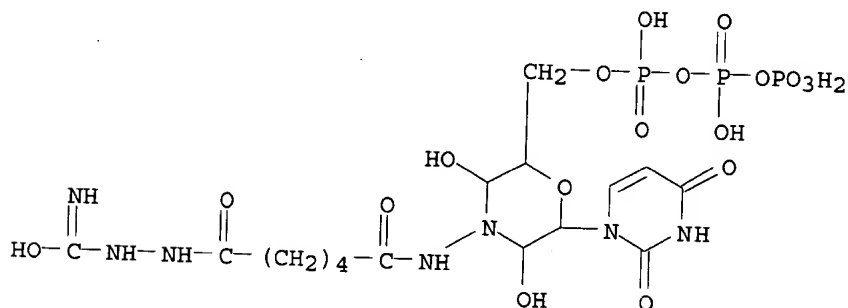
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 37 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 69402-39-7 REGISTRY
CN Agarose, 2-[6-[[2-(3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-4-morpholinyl]amino]-1,6-dioxohexyl]hydrazinecarboximidate (9CI) (CA INDEX NAME)
MF C16 H28 N7 O18 P3 . x Unspecified
LC STN Files: CA, CAPLUS

CM 1

CRN 173328-46-6
CMF C16 H28 N7 O18 P3



CM 2

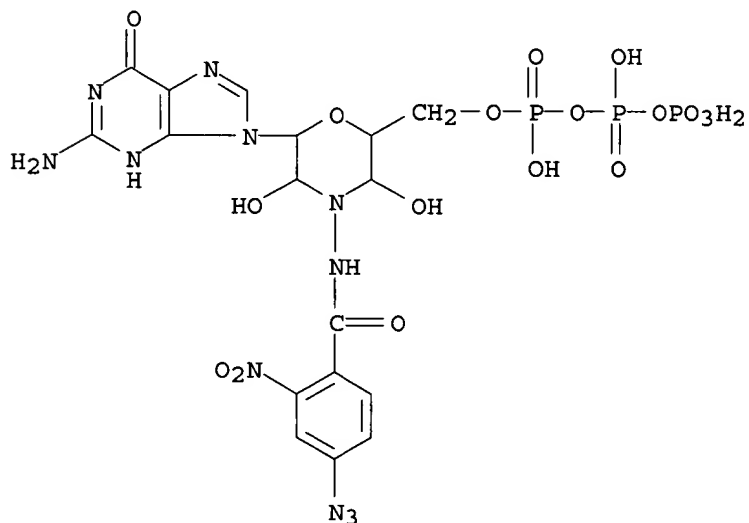
CRN 9012-36-6
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

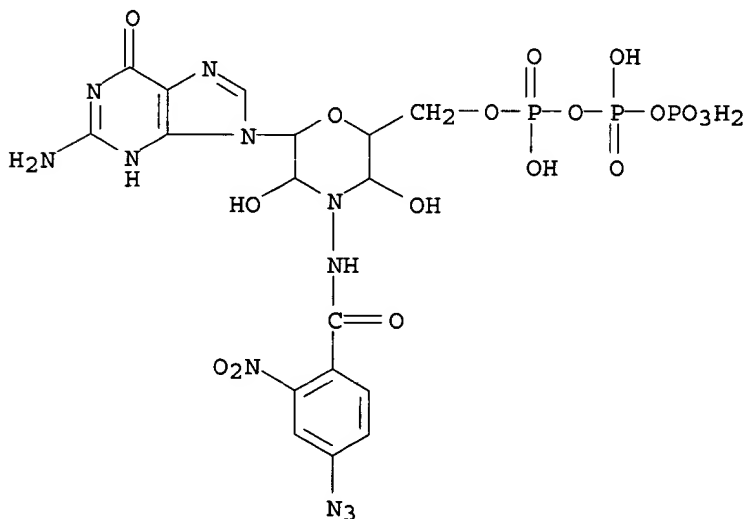
L2 ANSWER 38 OF 40 REGISTRY COPYRIGHT 2002 ACS

RN 65764-89-8 REGISTRY
 CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-[(4-azido-2-nitrobenzoyl)amino]-3,5-dihydroxy-2-morpholinyl)methyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C17 H20 N11 O17 P3
 LC STN Files: CA, CAPLUS



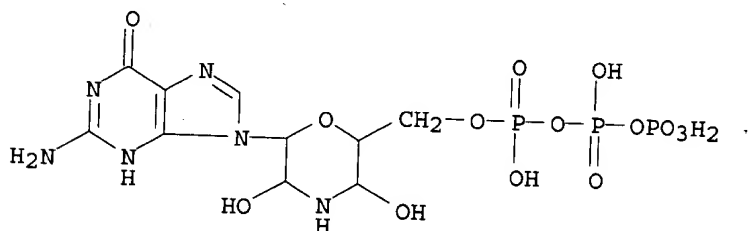
2 REFERENCES IN FILE CA (1962 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 39 OF 40 REGISTRY COPYRIGHT 2002 ACS
 RN 64936-19-2 REGISTRY
 CN Triphosphoric acid, P-[[6-(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl)-4-[(4-azido-2-nitrobenzoyl)amino]-3,5-dihydroxy-2-morpholinyl)methyl] ester, labeled with carbon-14 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C17 H20 N11 O17 P3
 LC STN Files: CA, CAPLUS
 IL XC-14



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 40 OF 40 REGISTRY COPYRIGHT 2002 ACS
RN 61309-59-9 REGISTRY
CN 6H-Purin-6-one, 2-amino-9-[3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-3,5,7-trioxido-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-2-morpholinyl]-1,9-dihydro-, [2R-(2 α ,3 β ,5 β ,6 α)]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 6H-Purin-6-one, 2-amino-9-[3,5-dihydroxy-6-(3,5,7,7-tetrahydroxy-2,4,6-trioxa-3,5,7-triphosphahept-1-yl)-2-morpholinyl]-1,9-dihydro-, P,P',P''-trioxide, [2R-(2 α ,3 β ,5 β ,6 α)]-
MF C10 H17 N6 O14 P3
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)